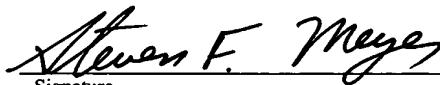
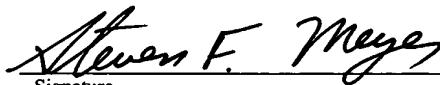
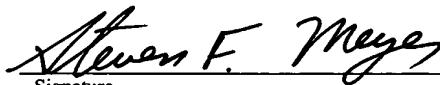


FORM PTO-1390 (REV 07-2005)		ATTORNEY DOCKET NUMBER 5000-5296
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/560704</b>
INTERNATIONAL APPLICATION PCT/JP2004/008221	INTERNATIONAL FILING DATE 11 June 2004	PRIORITY DATE CLAIMED 13 June 2003
TITLE OF INVENTION <b>DC AMPLIFIER AND SEMICONDUCTOR INTEGRATED CIRCUIT THEREFOR</b>		
APPLICANT(S) FOR DO/EO/US <b>Takefumi NISHIMUTA, Hiroshi MIYAGI, Tadahiro OHMI, Shigetoshi SUGAWA, and Akinobu TERAMOTO</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected. (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, with Form 1449 and a copy of all cited references.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or Information:</li> </ol>		
Copy of first page of PCT Publication; PCT/IB/301; PCT/IB/304; PCT/IB/307; PCT/IB/308; PCT/IB/311; International Search Report; and return receipt postcard.		

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NO.																																																																																																																																																																							
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See 37 CFR 1.27. The fees indicated above are reduced by <math>\frac{1}{2}</math>.         </td> </tr> <tr> <td colspan="6"><b>SUBTOTAL =</b></td> </tr> <tr> <td colspan="6">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(j)).</td> </tr> <tr> <td colspan="6"><b>TOTAL NATIONAL FEE =</b></td> </tr> <tr> <td colspan="6">         Fee for recording the enclosed assignment (37 CFR 1.21(h)). 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A duplicate copy of this sheet is enclosed.        d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.     </td> </tr> <tr> <td colspan="6">NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</td> </tr> <tr> <td colspan="6">SEND ALL CORRESPONDENCE TO:</td> </tr> <tr> <td colspan="6">         Enter Address Here          Steven F. Meyer, Esq.          Morgan &amp; Finnegan, L.L.P.          3 World Financial Center          New York, New York 10281-2101          (212) 415-8700 Telephone          (212) 415-8701 Facsimile       </td> </tr> <tr> <td colspan="6">           Signature  <u>Steven F. Meyer</u>          Name  <u>35.613</u>          REGISTRATION NUMBER       </td> </tr> </table>						21. <input checked="" type="checkbox"/> Basic national fee.....	\$300	CALCULATIONS	PTO USE ONLY	22. <input checked="" type="checkbox"/> Examination fee If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33 (1)-(4).....	\$0	\$300		All other situations .....	\$200	\$200		23. <input checked="" type="checkbox"/> Search fee If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1) – (4) .....	\$0			Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....	\$100			International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB .....	\$400			All other situations .....	\$500	\$400		<b>TOTAL OF 21, 22 and 23 =</b>		\$900				<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). 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10/560704

IAP9 Rec'd PCT/PTO 13 DEC 2005

Docket No. 5000-5296

## IN THE UNITED STATES

**RECEIVING OFFICE (RO/US)**  
**DESIGNATED OFFICE (DO/US)**  
**ELECTED OFFICE (EO/US)**

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<b>TITLE OF INVENTION</b> <b>DC AMPLIFIER AND SEMICONDUCTOR INTEGRATED CIRCUIT THEREFOR</b>		
<b>APPLICANT(S) FOR DO/EO/US</b> Takefumi NISHIMUTA, Hiroshi MIYAGI, Tadahiro OHMI, Shigetoshi SUGAWA, and Akinobu TERAMOTO		

Mail Stop PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

## Express Mail Certification

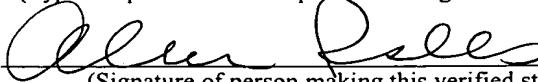
I declare that on the date indicated below I deposited with the United States Postal Service in an envelope "Express Mail, Post Office to Addressee", bearing Label Number EV 622 495 287 US, addressed to the Commissioner for Patents, Box PCT (DO/EO/US), P.O. Box 1450, Alexandria, VA 22313-1450 and having an express mail certification which I executed, the following papers:

1. Transmittal Letter to the US Designated/Elected Office (DO/EO/US) Concerning a Submission under 35 USC 371;
2. Specification: 33 pps; Claims: 4 pps; Abstract 1 pp;
3. Formal Drawings: 7 sheets (Fig 1-7);
4. Information Disclosure Statement;
5. PTO Form 1449 and cited references;
6. International Search Report;
7. Preliminary Amendment;
8. Declaration and Power of Attorney;
9. Assignment with Recordation Form Cover Sheet;
10. First page of published application;
11. PCT/IB/301;
12. PCT/IB/304;
13. PCT/IB/307;
14. PCT/IB/308;
15. PCT/IB/311; and
16. Return receipt postcard

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

Albert Isles

(Typed or printed name of person making this verified statement)



(Signature of person making this verified statement)

December 13, 2005  
 Date